



Thinvent Aero Mini PC

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

8GB DDR4 RAM

512GB SSD

Dual Band WiFi

DOS

SKU: AERO-I5_14-8-M512-12_5-M-DOS-0



Unleash Mighty Performance in a Mini Footprint.

Experience unparalleled power with the Thinvent® Aero Mini PC. Designed for professionals and power users, this compact powerhouse redefines efficiency without compromise.

Performance at its Core

- Driven by an Intel® Core™ 5 120U processor, featuring 10 cores and clocking up to 5.0 GHz with a 12 MB cache, it delivers lightning-fast multi-tasking and seamless application performance.
- Bolstered by 16GB DDR4 RAM, handle demanding workloads with effortless fluidity.
- Enjoy blazing-fast boot times and quick application launches from the integrated 32GB MLC SSD.

Connect with Ease

- Expand your visual workspace with dual HDMI and a VGA port for up to three displays.
- Stay connected with 1000 Mbps Ethernet and dual-band Wi-Fi 5 (802.11ac) for reliable, high-speed networking.

- A wealth of ports including 2x USB 3.0, 6x USB 2.0 (4 front), and a front USB C ensure all your peripherals are easily accommodated.
- Dedicated front and rear audio jacks provide complete audio control.

Robust and Compact Design

- Its sleek, black, powder-coated steel and ABS plastic housing measures just 198mm x 187mm x 40mm, fitting seamlessly into any environment.
- Powered by an efficient 12V adapter, it's designed for stable, energy-conscious operation.

Your Freedom, Your Choice

- Comes with FreeDOS, giving you the flexibility to install your preferred operating system.
- Backed by BIS, RoHS, and ISO certifications, guaranteeing quality and reliability.



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	8 GB
SSD Storage	512 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1
Front Speaker Out	1
Front Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2
Front USB 2.0	4
Front USB C	1

NETWORKING

Ethernet	1000 Mbps
Wireless Networking	Wi-Fi 5 (802.11ac), dual band

POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 35°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	198mm × 187mm × 40mm
Housing Material	Steel and ABS Plastic
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.23kg, 1.23kg

OPERATING SYSTEM

Operating System	FreeDOS
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Ordering Information

PRODUCT CODE				
Aero-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]				
RAM	4 = 4GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4	32 = 32GB DDR4
	64 = 64GB DDR4			
SSD	m128 = 128GB		m256 = 256GB	
	m32 = 32GB		m512 = 512GB	
	m1024 = 1TB		S32 = 32GB MLC	
	S128 = 128GB		S256 = 256GB	
Wireless	m = Dual Band WiFi		X = No WiFi	
OS	DOS = DOS		W_OS = Without OS	
	11V = Windows 11 IoT Value		11P = Windows 11 Pro	
	Thinix = Thinix™ Embedded Linux		U = Ubuntu Linux	
Accessories	0 = None		KM = Keyboard and Mouse set	
	MK = Mechanical Keyboard		Mo = Wired Optical Scroll Mouse	

www.thinvent.in

sales@thinvent.in

+91-11-430-77467

+91-99903-44251

R&D and Manufacturing

#11 Sports Complex
Salvador Do Mundo
North Goa - 403101, India

Sales

UGF-10-A Omaxe Gurgaon Mall
Sector 49, Sohna Road
Gurgaon - 122018, India

